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**Notice of Allowability**

Application No.

09/622,657

Applicant(s)

THIRIET, FABIEN

Examiner

Kimberly D. Nguyen

Art Unit

2876

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/8/05.
2. ☒ The allowed claim(s) is/are 1 and 3-5.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

## DETAILED ACTION

### *Amendment*

1. Acknowledgement is made of Amendment filed August 8, 2005.

### *Allowable Subject Matter*

2. Claims 1 and 3-5 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Drupsteen et al (US 5,856,659) teaches a method of securely transferring data to a smart card, the method involves a one-way authentication mechanism, comprising the use of a series of interrelated authentication values (R0, R1, R2, ...), a security is achieved by using commands (INIT, TRAN) which are each provided with an authentication code (MAC0, MAC1, ...).

However, Drupsteen et al and/or the best prior art of record fails to teach or fairly suggest a method for loading computer programs into a memory of a portable memory object having a contactless operating mode, particularly a chip card, from one or more transmitting devices EM<sub>1</sub>, ... EM<sub>j</sub>, ... EM<sub>p</sub>, p being a whole number, the method including:

the computer program is divided into n blocks BLK<sub>1</sub>, ... BLK<sub>i</sub>, ..., BLK<sub>n</sub>, n being a whole number greater than 1;

a piece of information I(n) indicating the number n of blocks to be loaded is transmitted to the portable memory object;

the blocks BLK<sub>1</sub>, ... BLK<sub>i</sub>, ..., BLK<sub>n</sub> are loaded without contact into a memory of the portable memory object from a transmitting device EM<sub>j</sub> wherein j is in the range from 1 through p;

each block BLK<sub>i</sub> is counted in the portable memory object;

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the loading of the blocks  $BLK_1, \dots, BLK_i, \dots, BLK_n$  is interrupted during the loading of a block  $BLK_i$  due to an interruption in communication between  $EM_j$  and the card;

in response to establishing of communication between one of the transmitting devices  $EM_k$  and the card, wherein  $k$  is in the range 1 through  $p$ :

interrogating the card as to which block to resume loading, and

resuming the loading of the blocks from block  $i$  from transmitting device  $EM_k$ ;

and

each block  $BLK_i$  loaded is counted in the portable memory object.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D. Nguyen whose telephone number is 571-272-2402. The examiner can normally be reached on Monday-Friday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

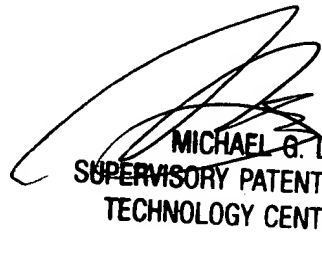
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



KDN

October 8, 2005



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